Haier

LED LCD TV OWNER' S MANUAL

MODEL: LD42U7000 LD50U7000

Please READ this manual carefully before operating your TV, and retain it for future reference



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IMPORTANT SAFETY INSTRUCTION

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings, install in accordance with the instructions.
- 8) Do not install near any heat sources such as radiations, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized plug. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protected the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Unplug this apparatus during lighting storms or when unused for long periods of time.
- 13) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 14) Mains plug is used as the disconnect device, the disconnect device shall remain readily operable.
- 15) The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloth, curtains, etc.
- 16) No naked flame sources, such as lighted candles, should be placed on the apparatus.
- 17) Attention should be drawn to the environmental aspects of battery disposal.
- 18) The use of apparatus in moderate climate.
- 19) The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.



Manufactured under license from Dolby Laboratories. Dolby and the double D symbol are trademarks of Dolby Laboratories.



TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The symbol indicates that dangerous voltages constituting a risk of electric shock are present within this unit.



The symbol indicates that there are important operating and maintenance instructions in the literaturaccompanying this

WARNING:

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

WARNING:

The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.



This symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts. When servicing use only identical replacement parts.



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal. recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.



High voltages are used in the operation of this television receiver. Do not remove the cabinet back from your set. Refer servicing to qualified service personnel.



To prevent fire or electrical shock hazard, do not expose the television receiver to rain or moisture.



Do not drop or push objects into the television cabinet slots or openings. Never spill any kind of liquid on the television receiver.



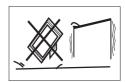
Do not block the ventilation holes in the back cover. Adequate ventilation is essential to prevent failure of electrical components.



Do not trap the power supply cord under the television receiver.



Never stand on, lean on, or suddenly push the television or its stand. You should pay special attention to children. Serious injury may result if it falls.



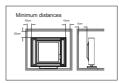
Do not place your television on an unstable cart, stand, shelf or table. Serious injury to an individual, and damage to the television, may result if it falls.



When the television receiver is not used for an extended period of time, it is advisable to disconnect the AC power cord from the AC outlet.



Avoid exposing the television receiver to direct sunlight and other sources of heat. Do not stand the television receiver directly on other products which give off heat, e.g. video cassette players and audio amplifiers. Do not place naked flame sources, such as lighted candles on the television.



If the television is to be built into a compartment or similar enclosure, the minimum distances must be maintained. Heat build-up can reduce the service life of your television, and can also be dangerous.

Main features

- ① Used as Television, display terminal, PC display;
- ② High luminance, wide viewing angle;
- 4 HDMI interface;5 Multi-Media player (USB);

③ Can store 200 TV programs;

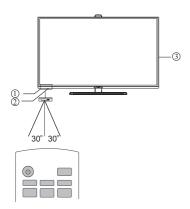
Accessories

LED LCD TV1	Power Cord1
Bottom Stand1	User Manual1
Screw1	Warranty Card1 (Only for India, Indonesia, Philippines)
Remote Control1	Quick Set Up Guide1
Battery(AAA)2	E-waste Guideline Booklet1 (Only for India)

Main parameter

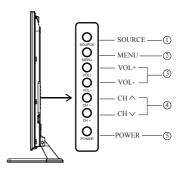
		<u> </u>	
Model Name	LD42U7000	LD50U7000	
Resolution	1920 x 1080	1920 x 1080	
Aspect Ratio	16:9	16:9	
TV System	PAL/SECAM BG DK I , NTSC-M	PAL/SECAM BG DK I , NTSC-M	
Video Signal System	PAL/SECAM/NTSC	PAL/SECAM/NTSC	
Receiving Channel	1-200	1-200	
Input Power Voltage	AC 100-240V 50/60Hz	AC 100-240V 50/60Hz	
Power consumption	100W	120W	
Audio Output Power(THD≤7%)	2 x 8W	2 x 8W	
Subwoofer	12W	12W	
Signal Input	Analog RGB(VGA) x 1 High-Definition Multimedia Interface (HDMI) x 2 Composite Video Input x 2 Composite Video Output x 1 Audio Input x 1 YCb (Pb)Cr (Pr) x 1	USB x 3 RF x 1 SD x 1 Coaxial x 1 Ethernet x 1	
Horizontal definition (TV line)	Composite Video input >=350 Y Cb(Pb) Cr(Pr) >=400	Composite Video input >=350 Y Cb(Pb) Cr(Pr) >=400	
Ambient Temperature	0 to 45 degree Celsius	0 to 45 degree Celsius	
Wall mount	VESA mount pattern: 400 x 400mm Screw: M6 Length: 16.5mm This product does not include wall-mour	VESA mount pattern: 400 x 200mm Screw: M6 Length: 14.5mm	
I	This product does not include wair-mount braket module.		

Front panel



- 1. Remote control sensor.
- Indicator LED: LED OFF ☐ POWER ON.
 RED ☐ STANDBY.
- 3. Key board

KEYBOARD



1. SOURCE:

Display the input source menu.

2. **MENU**:

Display main MENU.

3. VOL+/ VOL-:

Adjust sound level.

In Menu mode, press "VOL+" or "VOL-" to adjust the item that you selected.

4. CH ∧ / CH ∨ :

In TV mode, press CH \land or CH \lor to change the channel up and down.

In MENU mode, press CH \wedge or CH \vee to select items.

5. **(POWER)**:

Press this button to turn the unit ON from STANDBY mode

Press it again to turn the set back to STANDBY.

REAR AV Connections(SIDE)



All the terminals are (from up to down): AV1 IN, USB, HDMI 1, SD/MMC, USB 3.0, AV OUT.

DOWN AV Connections

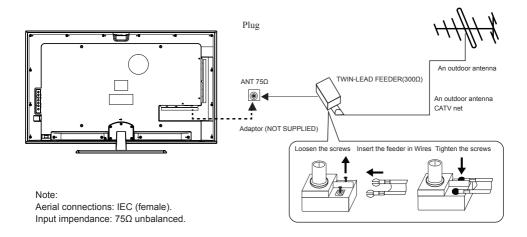


All the terminals are (from left to right):

LAN, COAXIAL, HDMI 2, RGB(PC), YPbPr/AV2 IN, ANT IN

Note: VIDEO, YPbPr and RGB(PC) all share one audio channel.

ANTENNA



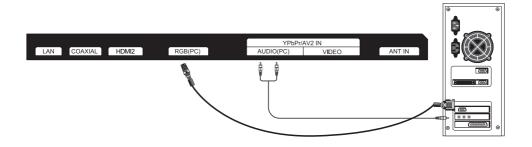
PC

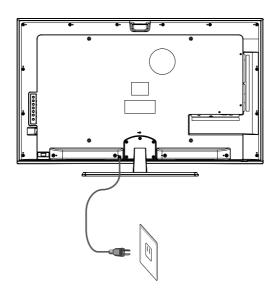
STEPS:

Be sure both the TV and computer are Power off.

- 1. Connect VGA and audio cable.
- 2. Connect power cord.
- 3. Power on the TV switch to PC mode.
- 4. Power on the PC.

This sequence is very important.





Note: Appearance in the book is a schematic diagram, please buy the real.

PC Input Signal Reference Table

Connect a computer to your TV set and set up the computer output signal in accordance with table below.

ault computer mo	de		
Item	Resolution	Horizontal Frequency (kHz)	Vertical Frequency(Hz)
1	640 × 480	31.469	59.94
2	640 × 480	37.861	72.809
3	640 × 480	37.5	75
4	800 × 600	35.156	56.25
5	800 × 600	37.879	60.317
6	800 × 600	48.077	72.188
7	800 × 600	46.875	75
8	1024 × 768	48.363	60.004
9	1024 × 768	56.476	70
10	1024 × 768	60.023	75
11	1280 × 1024	63.981	60
12	1360 × 768	47.72	59.799
13	1440 × 900	59.887	60
14	1680 × 1050	64.7	60
15	1680 × 1050	65.3	60
16	1920 × 1080	67.5	60

DVI/ PC HDMI Input Signal Reference Table

When DVI port is being used: connect the DVI port of video device to your TV set with a DVI-to-HDMI line and set up the output signal of the video device in accordance with table below.

When HDMI port is being used: connect the HDMI ports of your computer and TV set with one HDMI wire and set up the output signal of the video device in accordance with table below.

Default computer mode			
Item	Resolution	Horizontal Frequency (kHz)	Vertical Frequency(Hz)
1	640 × 480	31.469	59.94
2	640 × 480	37.861	72.809
3	640 × 480	37.5	75
4	800 × 600	35.156	56.25
5	800 × 600	37.879	60.317
6	800 × 600	48.077	72.188
7	800 × 600	46.875	75
8	1024 × 768	48.363	60.004
9	1024 × 768	56.476	70

10	1024 × 768	60.023	75
11	1280 × 1024	63.981	60
12	1360 × 768	47.72	59.799
13	1440 × 900	59.887	60
14	1680 × 1050	64.7	60
15	1680 × 1050	65.3	60
16	1920 × 1080	67.5	60

Video Input Signal Reference Table

Connect the component signal or HDMI port of video device to your TV set and set up the output signal of the video device in accordance with table below.

If your computer display card supports signals of video format then you can set up following output signal.

Default Component or HDMI Mode			
Standard	Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)
SD	640 × 480p	25.175	60
SD	720 × 480i	15.734	60
SD	720 × 480p	31.5	60
SD	720 × 576i	15.625	50
SD	720 × 576p	31.25	50
HD	1280 × 720p	37.5	50
HD	1280 × 720p	45	60
HD	1920 × 1080i	28.125	50
HD	1920 × 1080i	33.75	60
FHD	1920 × 1080p	56.25	50
FHD	1920 × 1080p	67.5	60

Video Input Signal Reference Table

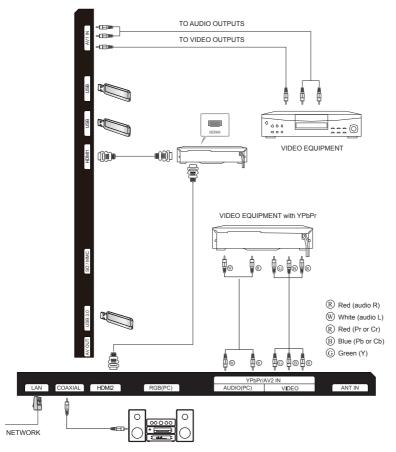
Video System Supported in TV and Video Modes PAL/SECAM/NTSC

Standard Definition Interface

You can also enjoy traditional program by using a DVD player or VCR Player. Connect this equipment to your TV via the Composite Input on the back of your TV.

AV EQUIPMENT

This TV provides two group of AV, one group of YPbPr for convenient connection to VCR, DVD or other video equipment. Please refer to the owner's manual of the equipment to be connected as well. You can use the input terminals on TV set rear as follows.



It can be connected to the following appliances: VCR, multi disc player, DVD, camcorder, video game or stereo system, etc...

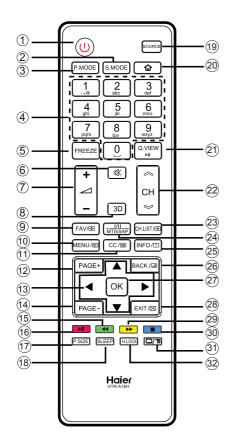
YPbPr can support these video fomats: 480i, 576i, 480p, 576p, 720p, 1080i, 1080p.

Note:

- 1. AV and YPbPr share one audio channel.
- 2. When HDMI port get DVI signal, the "PC Audio" channel is changed to receive the audio for HDMI port.
- 3. Sometimes it will not support in different device because the device supplys nonstandard signal.
- When current source is TV, VIDEO OUT signal is TV; when current source is AV, VIDEO OUT signal is AV; othersources have no VIDEO OUT signal.
- TV system supports HDMI CEC feature which involves One Touch Play, Auto Standby and Audio Return Channel (ARC).

The remote control cannot be operated unless the batteries are properly loaded inserted. When using the remote control, aim it at the remote control sensor on the TV.

Function introduction



1. (b) (POWER)

Press to turn the TV on or off.

2. S.MODE

Press to select the sound mode

3. P.MODE

Press to select the picture mode.

4.0-9

Press to enter a channel number or password. 5. FREEZE

Press to freeze the picture.

6. Mute

Press to turn the sound on or off

7. 4/-

Press to adjust the volume level.

Press to turn on 3D mode setting menu.

9. FAV/ 国

Press to open FAV channel list.

10. MENU/ **■**

Press to open on-screen Main Menu.

11. CC/ (IIII)

No used.

12. PAGE+

Press to go to the first item APK in all APK list (in SmartTV launcher).

13. ▲/▼/4/▶

- a. Press to navigate OSD menu.
- b. Press to change setting value in options items.

Press to go to the last item APK in all APK list (in SmartTV launcher).

15. **◄** (reverse)

Press to rewind playback in multi-media mode.

16. ►II (play/pause)

Press to play/pause playback in multi-media mode.

17. P. SIZE

Press to change the screen display aspect ratio settina.

18.SLEEP

Press to set sleep timer.

19. SOURCE

Press to open Input Source list.

20. 🏠

Press to open (SmartTV) launcher mode.

21. Q. VIEW

Press to switch to the last viewed channel. 22. CH ≈/≈

Press to change the channel.

23. CH.LIST

Press to open the channel list.

24. I/II/MTS/SAP

Press to select the audio mode (depend on broadcast signal).

25. INFO/ [?]

Press to display the channel information.

26. BACK/ =

Press to return to the previous menu.

27. OK

Press to comfirm a selection.

28. EXIT/ ⋈

Press to return to the previous menu.

29. ▶▶ (forward)

Press to fast forward playback in multi-media mode. **30.** ■ **(stop)**

Press to stop playback in multi-media mode.

31. □/**■** (Sub-MENU)

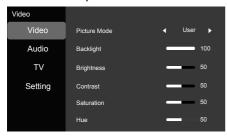
Press to open/close APK option menu list (it APK support this feature); for general TV source, "No

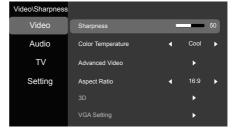
Support" pop-up message would be displayed on screen.

32. ⊞... (H.LOCK)

No used.

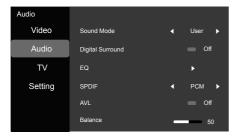
Video Setup





Items	Description		
Picture Mode	Select picture mode User, Vivid, Natural, Sports, Lightness, Standard, Soft.		
Backlight	Control the brightne	ss of the backlight.	
Brightness	To brighten the dark	parts of the picture.	
Contrast	To sharpen the pictu	ure quality.	
Saturation	Press 4 / ▶ key to de	ecrease or increase saturation.	
Hue	Compensates colou	r variations in NTSC encoded transmissions.	
Sharpness	To improve details.		
Color Temperature	Selet the color temp	perature mode Standard, Warm, Cool.	
Advanced Video	Dynamic Backlight	Dynamically adjusts backlight level based on average brightness of the picture frame.	
Advanced video	Dynamic Contrast	Dynamically enhance the details in the dack, medium and light areas of the picture.	
Aspect Ratio	Select the picture ratio to suit the video source (4:3, 16:9, Full Screen, Zoom1 and Zoom2).		
3D	The 3D watching effect can be obtained only if the TV source is in 3D mode (3D display feature is only available in HDMI sources and video playback in MyFun) and you wear a pair of 3D glasses. Press the General Functions Menu to find the 3D option or press the 3D shortcut key on the remote control to enter the 3D configurationi interface directly; the options are as follows: 1. 3D Mode: Select 3D mode Off, Auto, SBS, TB, 2D-to-3D. 2. 3D to 2D: Provide ON and OFF setup. Convert 3D picture into 2D display. 3. Depth: Adjust the overall 3D depth of field and hierarchical sense of the picture on the screen. 4. LR Switch: Provide ON and OFF setup. When the left and right views of a picture are displayed contrarily, exchange the positions of the left and right views. 5. 3D offset. (Available for 2D-to-3D mode only).		
VGA Setting	Select to set VGA. Only for VGA source. Please see page 15.		
NR	Select the amount of noise reduction for the picture (Off, Low, Medium and Strong).		

Audio Setup

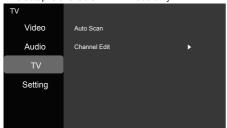




Items	Description
Sound Mode	Select sound mode User, Standard, Music, Movie, News.
Digital Surround	
EQ	Adjust the volume of the left and right speakers. 120Hz, 500Hz, 1.5KHz, 5KHz, 10KHz: Adjust the frequency so that the sound quality is adapted to your favorite. When pre-enhancing the bass, increase the low frequency; when pre-enhancing the treble, increase the high frequency.
SPDIF	Select digital audio output options: PCM or RAW(availabel for HDMI).
AVL	Automatically reduces sudden volume changes, for example, when switching between the channels.
Balance	Adjust the balance between left and right speakers to adapt to your listening position.
Audio Only	Select to turn off the panel screen and keep only the sound on.

TV Setup

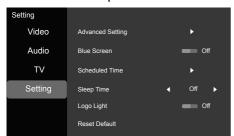
This setup is available in ATV mode only.



Items	Description	
	TV automatically searches for the channel in the available frequency band and stores	
	sequentially.	
Auto Scan	Select TV menu.	
	Select Auto Scan and press OK key to tune channels automatically and store.	
	During auto searching Press BACK/ key to stop search.	
Channal Edit	Edit the selected channel, including Move Delete, Favorite, Edit, Channel Name, Color System,	
Channel Edit	Sound System, Search.	

Note: Make sure you have connected RF signal cable before performing channel search.

Features Setup

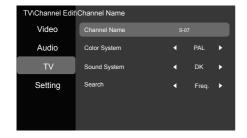


Items	Description
Advanced Setting	Access advanced settings. Press OK key to select Application Manager, Network, Location/City, Input method editor, Date and Time, System and Wireless Display.
Blue Screen	To show Blue or Black screen when no signal input in non-ATV sources. Select Off: Black screen display when no signal input. Select On: Blue screen display when no signal input.
Scheduled Time	Set a scheduled time to power on the TV when TV is in Standby mode.
Sleep Time	Set a time period after which the TV will be turned off and enter stand by mode. Sleep timer can be set to Off,10, 20, 30, 60, 90,120, 180 or 240 Minutes
Logo Light	Select to light up the LED of Haier logo or not. Select off: Turn off the LED light of Haier logo. Select on: Turn on the LED light of Haier logo.

	You can restore the factory default video and audio settings of your TV.
Reset Default	The channel installation settings remain the same.
	This TV does not support child lock function.

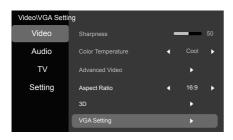
Channel edit description

- 1. Select TV Menu
- 2. Select Channel Edit and press OK key to get into Sub-Menu
- 3. Press Blue key [Edit] to get into Sub-Menu
- 4. Select Search and press **◄/▶** key to manual scan previous/next available Channel.
- 5. Press Back or Exit key to exit manual search scan and back to previous menu.



Computer Setup

This setup function is available in VGA mode.





Items	Decsription	
Auto	Press OK key to adjust the screen automatically to the optimal position of the picture.	
Horizontal	Adjusts the horizontal position of the picture.	
Vertical	Adjusts the vertical position of the picture.	
Phase	Eliminate the horizontal interfering lines.	
Clock	Eliminate the vertical interfering lines.	

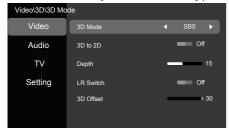
Note:

If the PC is connected to the TV and no signal has been input from the PC for more than 30 seconds,the TV enters the standby mode automatically.

3D Setup

Entering into 3D setup

- 1. Pressing 3D key on remote when OSD Menu is unavailable.
- 2. Press the Menu key select Video Menu by pressing ▲ / ▼ key and press OK key to select 3D.



3D setup description

3D mode

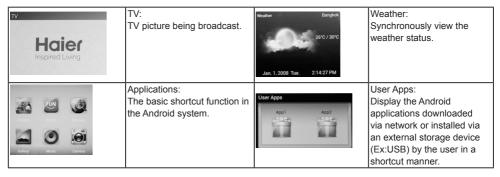
To get proper 3D effect in correct 3D video display. TV provides 3D modes as Off, Auto, SBS (Side-By-Side), TB (Top-to-Bottom) and 2D-to-3D. 3D display feature is only available in HDMI sources and video playback in MyFun.

Smart TV

- 1. Connect your TV to ethernet. Parts of TV function will not work without network.
- 2. Press key on remote control to enter smart TV screen.



Screen description:



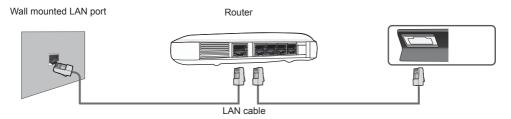
Network connection

Wired network connection

This machine supports network function, be sure to correctly connect the network first.

The following are two network connection modes, and you can select the most suitable connection mode according to the actual situation.

Connect to a wired routher, so as to connect to the Internet via a wall mounted LAN port.

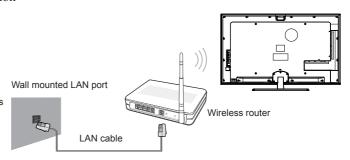


Wireless network connection

Connect to the Internet via a wireless router.

* This machine has a wireless network adapter built in, so no externally connected adapter is needed.

For the setup of the wireless router, please refer to the wireless router operation instructions.



* The issues related to stability, connectivity and etc., may cause the system not to operate normally. Although this occurs rarely, it is normal phenomenon.

Please try to turn off the power and restart so that the system is initialized to resume to normal operation.

Network Setting

Select the desired network connection mode and correctly set up the parameters.

Press ♠ key to enter smart TVand use ▲/▼/4/▶ key to select Setting Menu, then press OK.

Press ▲/▼ key to select **Network**, then press **OK**.

Press ▲/▼ key to select Ethernet setting or Wireless, then press OK.

Ethernet setting

If LAN cable is connected and DHCP (automatically set up) is supported, the Internet Protocol (IP) setting will be automatically configured.

If you want to manually set up the IP, operate according to the following steps:

- 1. Press the OK key to select connection so as to automatically obtain an IP address [OFF].
- Press the ▲/▼/4/▶ keys to select the fields to be changed, and directly enter corresponding parameters, i.e., [IP address], [subnet mask], [default gateway], [first DNS], and [second DNS], by pressing the number keys.
- 3. Press the ▲/▼ keys to select [Save], and press the OK key to complete the IP address setup.



Wireless setting

The system will automatically search for available wireless network access points; press the OK key to enter into the submenu, set Wi-Fi to [On], press the ▲/▼ keys to select an access point you want to connect, and press the OK key to connect.

If you select an access point with security certification, a password entering interface will appear after you confirms.



Multimedia Center

TV USB port and SD/MMC port can be used to view JPEG photos, play mp3 music and Video files in USB devices.

Entering to USB Media

- 1. Press key on remote to enter home page.
- 2. Press ▲/▼/◀/▶ key to select **Myfun** icon to enter multimedia menu as shown above



- Select the Media type (All/Picture/Music/Video) to be viewed and press OK key to enter into USB Media and When USB drive is detected by the TV, USB drive is displayed as a folder on the screen as shown below.
- 4. Press OK key to view subfolder or files in the USB driver.
- 5. Press Back or Exit key to exit MyFun apk.



Note: * Files of selected Media type can only be viewed through USB. Media type can be any one amoung Picture/ Music/Video.

Viewing Photos

- Thumbnail of the available images will be displayed on the screen. If no images are displayed then select the folder containing the Photos.
- 2. When a photo is displaying, press OK or navigation key to show infomation bar which lists photo information and help bar.
- 3. Once information bar displays on bottom, press ► key to start photo slideshow.

Multimedia settings for Photo Slide show



Press OK key to get following Menu setup shown above.

- 1. [Play/Pause]: Play/Pause photo play.
- 2. [Zoom in]: Zoom in the Photo with scale factor (1×/2×/4×/8×).

Playing Music files

- Thumbnail of the available music files will be displayed on the screen. If no files are displayed then select the floder containing the music files.
- 2. To play particular music file select the required file and press OK key.
- 3. Press ► key to play/pause music. Select and click ← or ► button on OSD to play previous or next track. (

 or ► key on remote control are not available in music playback mode.)

Multimedia settings for Music play



Following Menu setup shown above.

- I (Play/Pause): Play/Pause music play.
- 3. ► (Previous/Next): Jump to previous or next music play.

Playing Video files

- Thumbnail of the available video files will be displayed on the screen. If no files are displayed then select the folder containing the video files.
- 2. To play particular video file select the required file and press OK key.
- 3. Press ▶ key to play/pause video.

Multimedia settings for Video play



Following Menu setup shown above.

- ▶ / (Play/Pause): Play/Pause movie play.
- 2. ◀ / ▶ (Rewind/Fast Forward): Rewind/Fast Forward video play.

Files encoded in the following formats are supported.

Picture					
Image	Ext. filename	Photo Format	Suggest Resolution	Max Width	Max Height
JPEG	.jpg, .jpeg	Base-line	15360×8704	15360	8640
		Progressive	1024×768	1024	768
PNG	.png	Non-interlace	9600×6400	9600	6400
		Interlace	1200×800	1200	800
BMP	.bmp		9600×6400	9600	6400

Audio				
Audio Codec File extension		Bit Rate	Remark	
MPEG1/2 Layer1	MP3	32Kbps ~ 448Kbps (Bit rate) 16KHz ~ 48KHz (Sampling rate)		
MPEG1/2 Layer2	MP3	8Kbps ~ 384Kbps (Bit rate)		
MPEG1/2 Layer3	MP3	16KHz ~ 48KHz (Sampling rate) 8Kbps ~ 320Kbps (Bit rate) 16KHz ~ 48KHz (Sampling rate)		
AC3	N/A (work with vide files only)	32Kbps ~ 640Kbps (Bit rate) 32KHz ~ 44.1KHz, 48KHz (Sampling		
EAC3	N/A (work with vide files only)	rate) 32Kbps ~ 6Mbps (Bit rate) 32KHz ~ 44.1KHz, 48KHz (Sampling		
AAC-LC	M4A/AAC	rate) Free Format (Bit rate) 8KHz ~ 48KHz (Sampling rate)	For Miracast feature only	
WMA	WMA	128 bps ~ 320Kbps (Bit rate) 8KHz ~ 48KHz (Sampling rate)	Follow WMA 7, WMA 8, WMA 9 Standard	

Video			
File extension	Container	Video Codec	
dat, mpg, mpeg	MPG, MPEG	MPEG1,2	
ts, trp, tp, m2ts	TS	MPEG2, AC1, AVS	
vob	MPEG2-PS	MPEG2	
mp4, mov	MP4	MPEG1,2,4, Xvid, VC1, Motion JPEG	
rm, rmvb	RMVB,RM	Rv30, rv40	
.mkv	MKV	MPEG 1,2,4, Xvid, VC1, Motion JPEG	
.avi	AVI	MPEG1,2,4 Xvid, VC1, Motion JPEG	
.asf, .wmv	ASF	MPEG2,4 Xvid, VC1	

Remarks:

- USB interface of digital multimedia player is not all-purpose. So when some USB devices could not be recognized, the problem is usually not the performance failure but due to device driver.
- Because USB devices and memory capability are different, the time needs for multimedia player to read information are also different. So the information reading speed of the player temporarily getting slow are not the performance failure.
- 3. The voltage supplied to USB interface is 5V, and the most electrical current is 500mA. When some interface criteria of USB devices are different from standard USB protocol, digital multimedia player may be unable to recognize USB devices correctly, which is normal status.
- 4. USB could be used as an interface to update software.

- 5. If some files source could not play because of the parameter decoding-limitation, the problem is not performance failure.
- 6. The system only applies to memory medium with FAT32 format.
- 7. Does not support connecting of removable devices to the USB hub.
- 8. The USB device does not support copying and pasting for FAT32 system.
- 9. The system doesn't support USB devices which possibly need larger power consumption, ex: USB hard-drive device or certain media playback device.
- 10. USB 3.0 port supports USB 3.0 and USB 2.0 devices, but doesn't support USB 1.1 device. USB 2.0 port supports USB 2.0 and USB 1.1 devices, but doesn't support USB3.0 device.

^{*} Haier is not responsible for any quality problems or data loss of the external digital storage devices.

Trouble phenomenon				Inspection
Picture			Audio	mspection
	Snow		Noise	antenna position, direction or connection
	Ghost		Normal audio	antenna position, direction or connection
	Interfere		Noise	electronic equipment, car/motorcycle, fluorescent light
	Normal Picture		Mute	Volume (inspect wether the mute function on the remote control are started, or audio system are correct or not)
?	No picture		Mute	Power cord is not inserted Power switch is not opened Contrast and brightness/volume setup Press standby key on the remote control for inspecting
(\$\frac{1}{2}\)	No color		Normal audio	color control
	Scramble	رد) الربا	Normal audio or weak	retune channel
(x, f)	No color		Noise	Audio system

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